

REMARKS

Claims 1 and 3-12 are pending in the application and stand rejected. No claims have been amended or canceled. In light of the following remarks, applicants earnestly solicit favorable consideration.

On the Merits

Claim Rejections - 35 U.S.C. §103(a)

Claims 1 and 3-12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,076,952 to *Gretta Jr.*, in view of U.S. Publication No. 2001/0050681 A1 to *Keys et al.*, and further in view of U.S. Patent No. 7,058,542 B2 to *Hauhia et al.*

Independent Claim 1:

Independent claim 1 recites:

¹A data display system for use with field devices, comprising:

²a field control station which includes a data acquisition device for reading data from field devices connected to a fieldbus; and

³a computer comprising,

⁴a description device for writing data read by said data acquisition device to definition files according to a predetermined format to create definition files that define the way the data of said field devices is displayed;

⁵a generation device for interpreting said definition files wherein data is written to generate display data; and

⁶a display device for displaying said generated display data on a personal computer on a network,

⁷wherein said definition files are provided on a field device basis and

⁸wherein said definition files comprise the following sections:

⁹a first section which defines a way parameters that represent a hardware status of said field devices are displayed;

¹⁰a second section which defines a way status regarding mandatory configurations are displayed.

Applicants respectfully traverse the examiner's rejections.

First, regarding reading out data from field device; the data is related to diagnosis of the field device.

Second, regarding reading out definition information from definition files; the definition information corresponds to the data above and relates to the status of the field device.

The definition information in the definition files are written and made by using a predetermined format. The definition information defines both:

- a) data value of the status or diagnosis of the field device, and
- b) how to display the data value as message, data or color etc.

Generation device refers to the data value of the above relating to the field device and displays the message, data or color etc, on display device.

The claimed invention refers to the definition files defining a data value of diagnosis parameters of the field devices, and displays a status of the field devices by using the message, data or color, on the display device.

Differences between *Gretta* and claimed invention:

Gretta reads out "type" or "classification" of the field device from the electronic file in the computer system. The electronic file is generally referred to as DD, Device Description: device description is a file of defining "type" or "classification" of the field device. (See for example, column 11, line 35.) *Gretta* is operating a process, which converts the type or classification into a floating-point or integer system, etc.

Gretta does not disclose the claimed invention: that is, reading out diagnosis data from the field device, referring to the definition files, recognizing conditions and/or status, displaying the message, data or color, which are relating to the condition and/or status. Thus the claimed features are not made obvious by technology disclosed in *Gretta*.

The claimed invention has a feature of handling a condition and/or status of the field device, not taught in *Gretta*.

In view of the aforementioned amendments and accompanying remarks, Applicants submit that the claims, as herein amended, are in condition for allowance. Applicants request such action at an early date.

If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicants' undersigned attorney to arrange for an interview to expedite the disposition of this case.

If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,
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